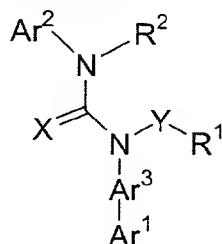


WHAT IS CLAIMED:

1. A compound of the formula:



or a pharmaceutically acceptable addition salt and/or hydrate thereof, or where

- 5 applicable, a geometric or optical isomer or racemic mixture thereof;

wherein

Ar¹ is an aryl or heteroaryl group,

Ar² is an aryl, heteroaryl or aralkyl group or Ar¹ and Ar² together form a fluorene, substituted fluorene or fluorenone group with the proviso that Ar³ must be
10 arylene;

Ar³ is an arylene or heteroarylene group;

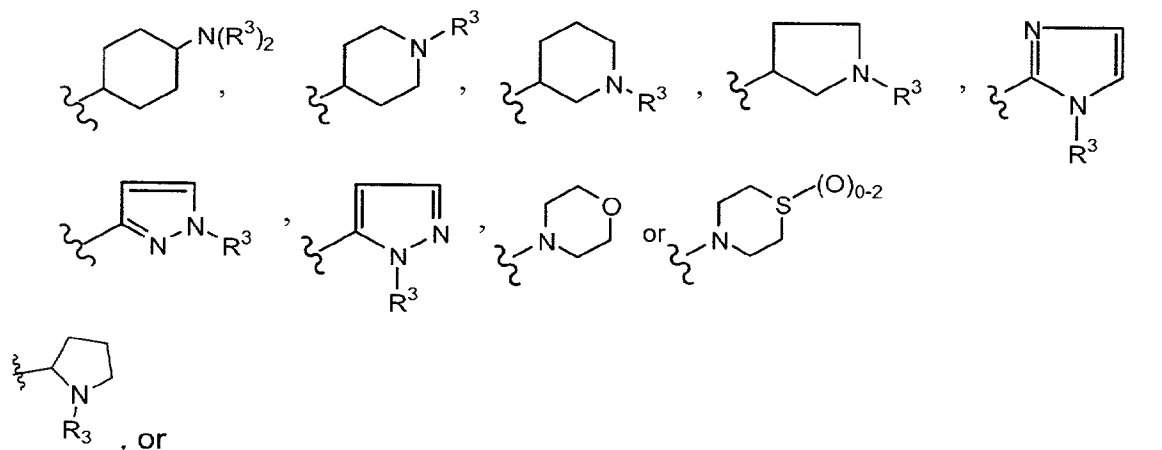
said Ar¹, Ar² and Ar³ groups possessing 0 to 3 substituents independently selected from the group consisting of -(C₁-C₆)alkyl, -(C₃-C₇)cycloalkyl, halo, -CN, -(C₁-C₆)alkoxy, -CF₃, -OCF₃, -CONH₂, -CONH(C₁-C₆)alkyl, -CON(C₁-C₆)alkyl (C₁-C₆)alkyl, -
15 NH₂, -NH C(O)(C₁-C₆)alkyl, -NHSO₂(C₁-C₆)alkyl, -S(C₁-C₆)alkyl, -SO(C₁-C₆)alkyl, -SO₂(C₁-C₆)alkyl, methylenedioxy and NO₂;

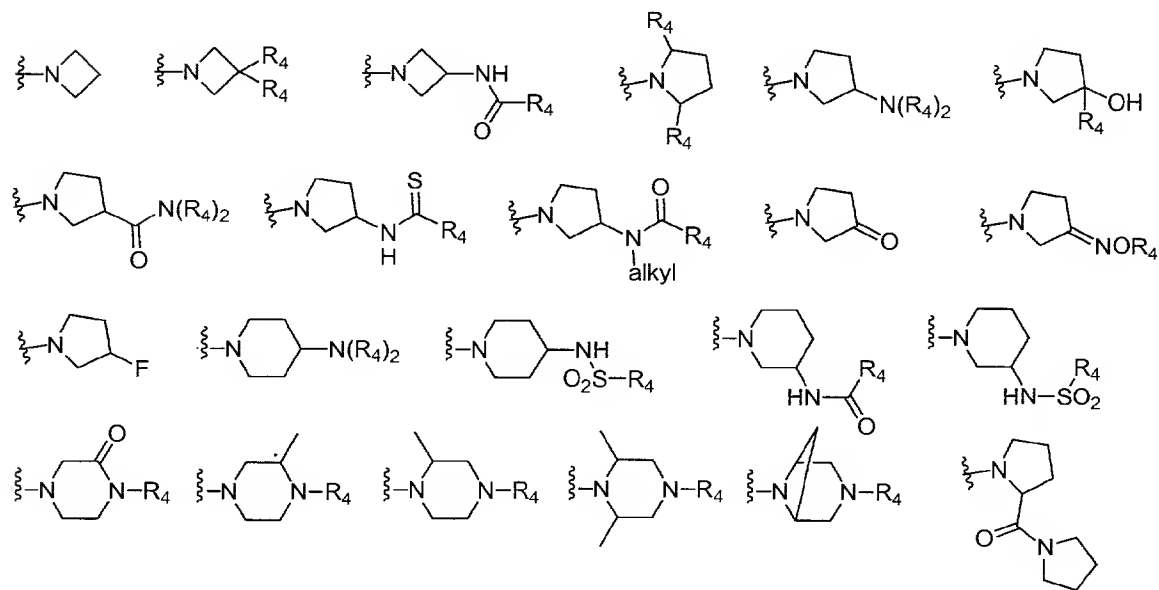
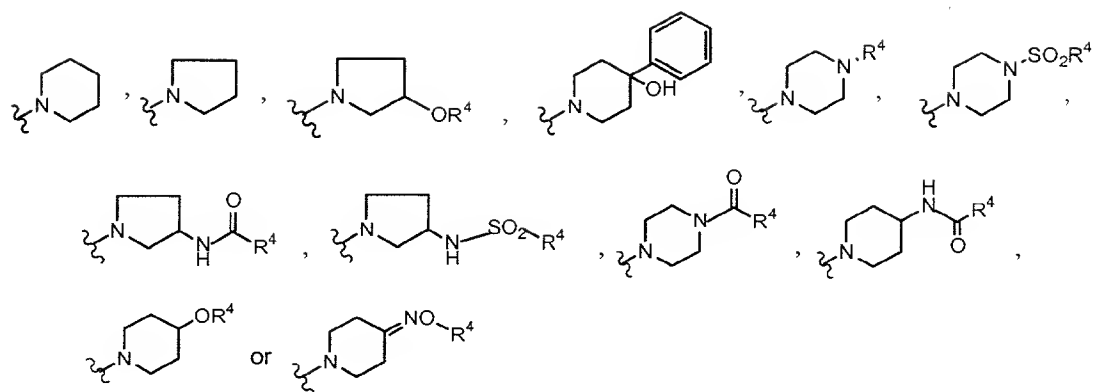
X is O, S or N-CN;

Y is a single bond or a -(C₁-C₄)alkylene- group;

R¹ is thiazole, aryl or heteroaryl; or

20





5 ,or

R^1 is $-N(R^5)_2$, $-NHC(O)(C_2-C_3)alkylene N(R^5)_2$; $-C(O)NH(C_2-C_3)alkylene N(R^5)_2$; $C(O)N(Me)(C_2-C_3)alkyleneN(R^5)_2$, $-C(OH)(C_1-C_2)alkyleneN(R^5)_2$, $-N(Me)(C_2-C_3)alkyleneN(R^5)_2$, $-NH(C_2-C_3)alkyleneC(O)R^5$, $-N(Me)(C_2-C_3)alkyleneN(Me)SO_2(R^5)$ or $-N(Me)(C_2-C_3)alkyleneC(O)N(R^5)_2$;

R^2 is H or $-(C_1-C_6)alkyl$.

R^3 is independently H, or nonsubstituted or halosubstituted

$-(C_1-C_6)alkyl$, $-(C_3-C_7)cycloalkyl$, $-(C_3-C_7)cycloalkyl(C_1-C_6)alkyl$, $-(C_1-C_6)alkoxy$, $-(C_1-C_6)alkoxy (C_1-C_6)alkylene$, aryl, -aralkyl or -heteroaralkyl; or

R^4 is H, nonsubstituted or halosubstituted $-(C_1-C_6)$ alkyl, $-NH(C_1-C_6)$ alkyl, $-NH$ aryl, aryl; or alkoxy or hydroxy substituted alkyl, and

R^5 is independently H, or nonsubstituted or halosubstituted $-(C_1-C_6)$ alkyl, $-(C_3-C_7)$ cycloalkyl, $-(C_3-C_7)$ cycloalkyl (C_1-C_6) alkyl, aryl, -aralkyl, -heteroaralkyl, $-(C_1-C_6)$ alkoxy or (C_1-C_6) alkylene (C_1-C_6) alkoxy.

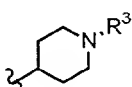
2. A compound as defined in Claim 1;

or a pharmaceutically acceptable addition salt and or hydrate thereof, or where applicable, a geometric or optical isomer or racemic mixture thereof;

wherein

Ar^1 and Ar^2 are independently phenyl or pyridyl,

Ar^3 is 1, 4-arylene,

R^1 is  in which R^3 is $-(C_1-C_6)$ alkyl, $-(C_3-C_7)$ cycloalkylmethyl, (C_1-C_6) alkoxy- or (C_1-C_6) alkoxy (C_1-C_6) alkylene-,

R^2 is H,

X is O; and

Y is a single bond or $-(C_1-C_3)$ alkylene.

3. A compound as defined in Claim 1

Or a pharmaceutically acceptable addition salt and/or hydrate thereof, or where applicable, a geometric or optical isomer or racemic mixture thereof;

wherein

Ar^1 and Ar^2 are independently phenyl or pyridyl,

Ar^3 is 1,4-arylene,

R^1 is $-N(R^5)_2$ or $-C(O)NH(C_2-C_3)alkylene N(R^5)_2$ in which each R^5 is independently H, $-(C_1-C_6)alkyl$, $-ar(C_1-C_6)alkyl$, heteroaryl, heteroarylalkyl, halo-substituted $-(C_1-C_6)alkyl$, $-(C_3-C_7)cycloalkyl$,

X is O; and

5 Y is $-(C_2-C_3)alkylene$.

4. A compound as defined in Claim 1

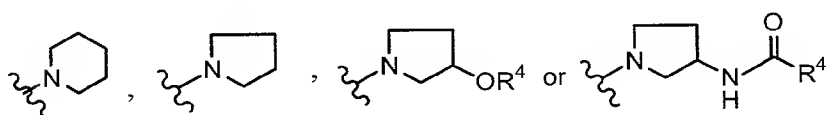
Or a pharmaceutically acceptable addition salt and/or hydrate thereof, or where applicable, a geometric or optical isomer or racemic mixture thereof;

wherein

10 Ar^1 and Ar^2 are independently phenyl or pyridyl,

Ar^3 is 1,4-arylene,

R^1 is selected from



X is O; and

15 Y is $-(C_2-C_3)alkylene$.

5. A compound as defined in Claim 2

or a pharmaceutically acceptable addition salt and/or hydrate thereof, or where applicable, a geometric or optical isomer or racemic mixture thereof;

wherein

20 Ar^1 is 3-substituted phenyl or pyridyl,

Ar^2 is halo-substituted or CF_3 -substituted phenyl or pyridyl and

R^3 is methyl, ethyl, propyl, $-CH_2CH_2CF_3$, cyclopentyl, cyclopropylmethyl or 3-methoxyethyl.

6. A compound as defined in Claim 5 wherein the 3-substituent on the phenyl or pyridyl is -CN, -OCF₃ or chloro.

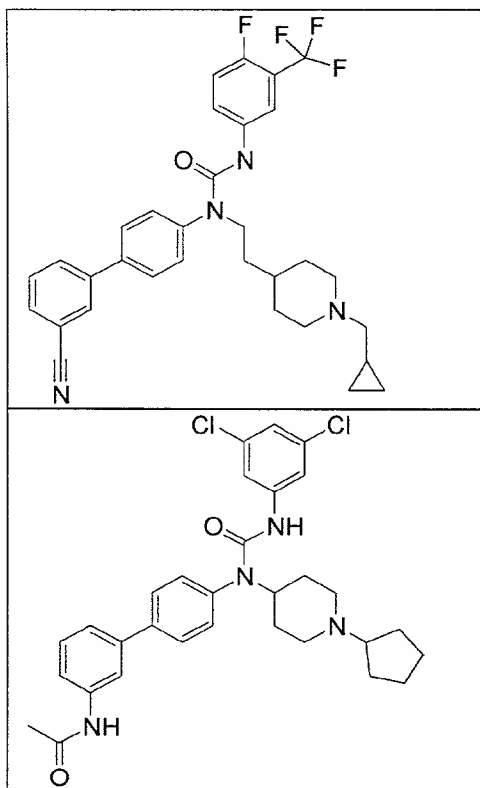
7 A compound as defined in Claim 3 wherein Ar¹ is 3-substituted phenyl or pyridyl, Ar² is halo-substituted or CF₃-substituted phenyl or pyridyl and R⁵ is methyl, ethyl, propyl, -CH₂CH₂CF₃, cyclopentyl, cyclopropylmethyl or 3-methoxyethyl.

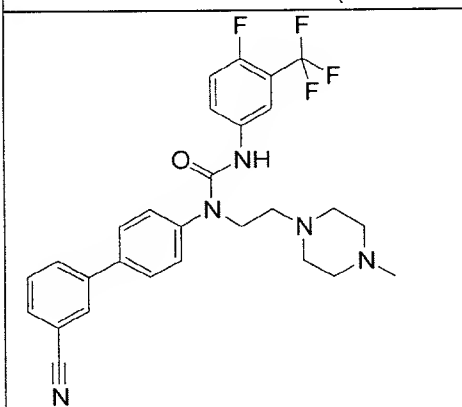
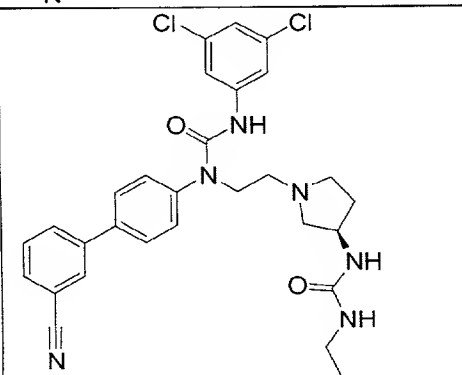
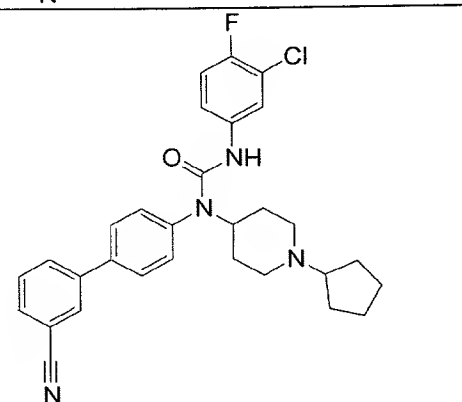
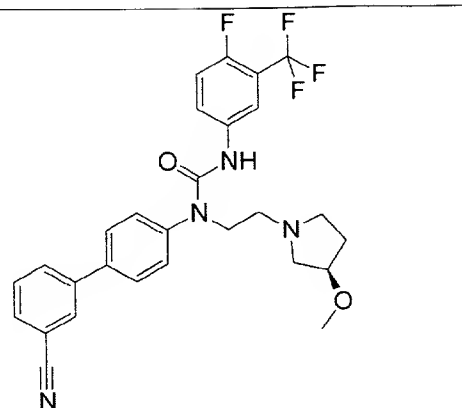
8. A compound as defined in Claim 7 wherein the 3- substituent on the phenyl or pyridyl is -CN, -OCF₃ or chloro.

9. A compound as defined in Claim 4 wherein Ar¹ is 3-substituted phenyl or pyridyl, Ar² is halo-substituted or CF₃-substituted phenyl or pyridyl and R⁵ is methyl, ethyl, propyl, -CH₂CH₂CF₃, cyclopentyl, cyclopropylmethyl or 3-methoxyethyl.

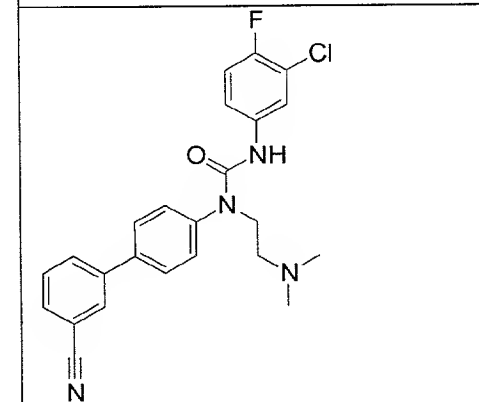
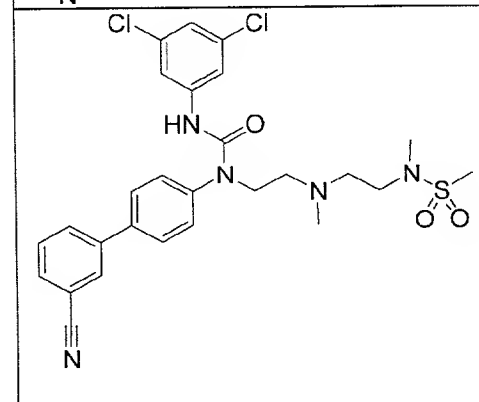
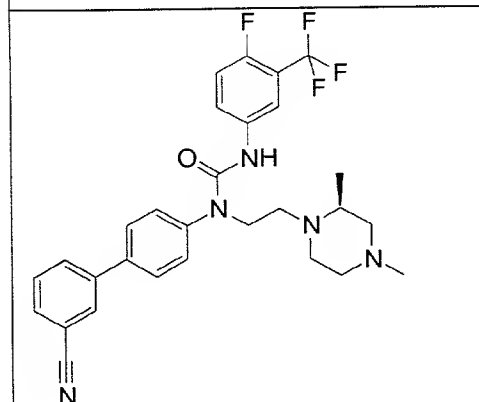
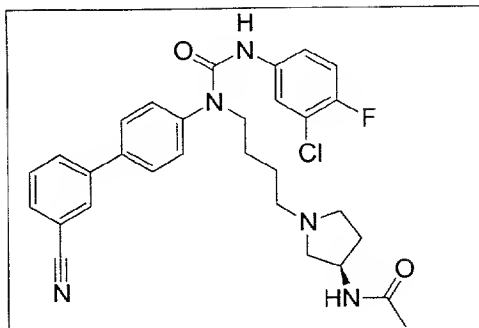
10. A compound as defined in Claim 9 wherein the 3- substituent on the phenyl or pyridyl is -CN, -OCF₃ or chloro.

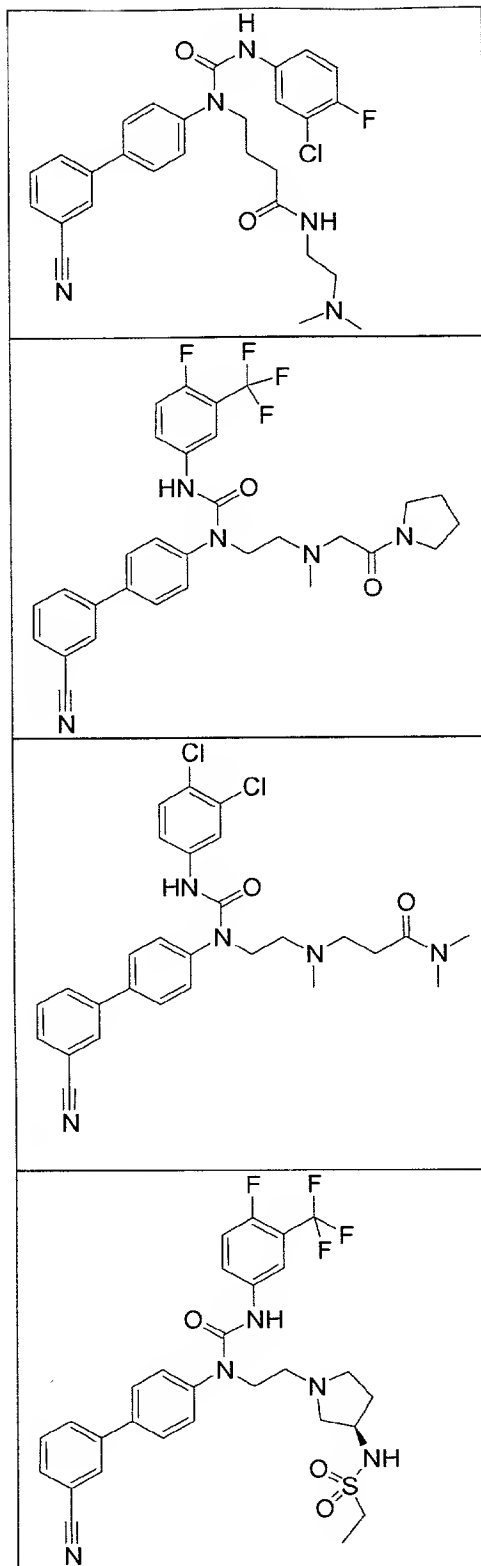
11. A compound as defined in Claim 1 selected from the group consisting of

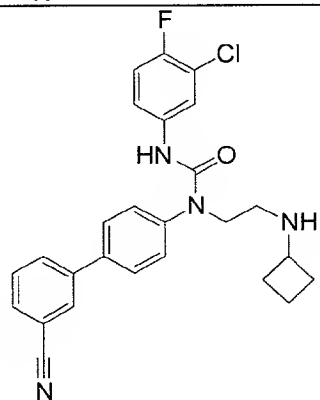
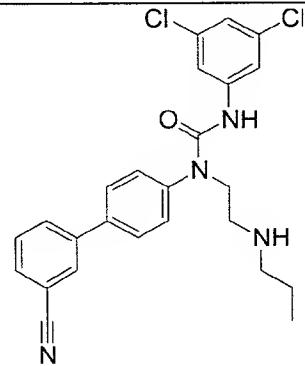
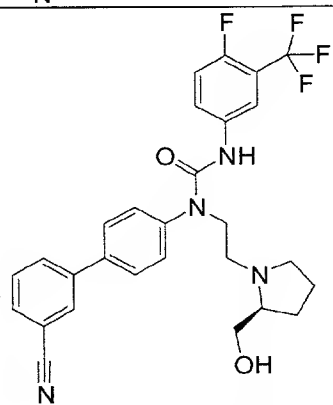


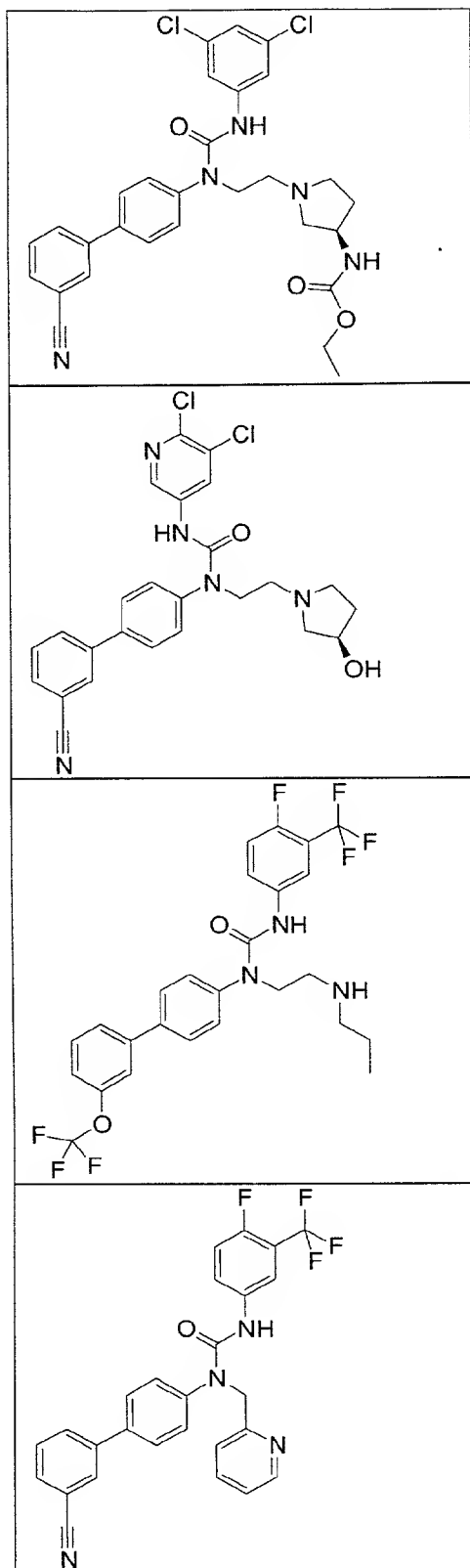


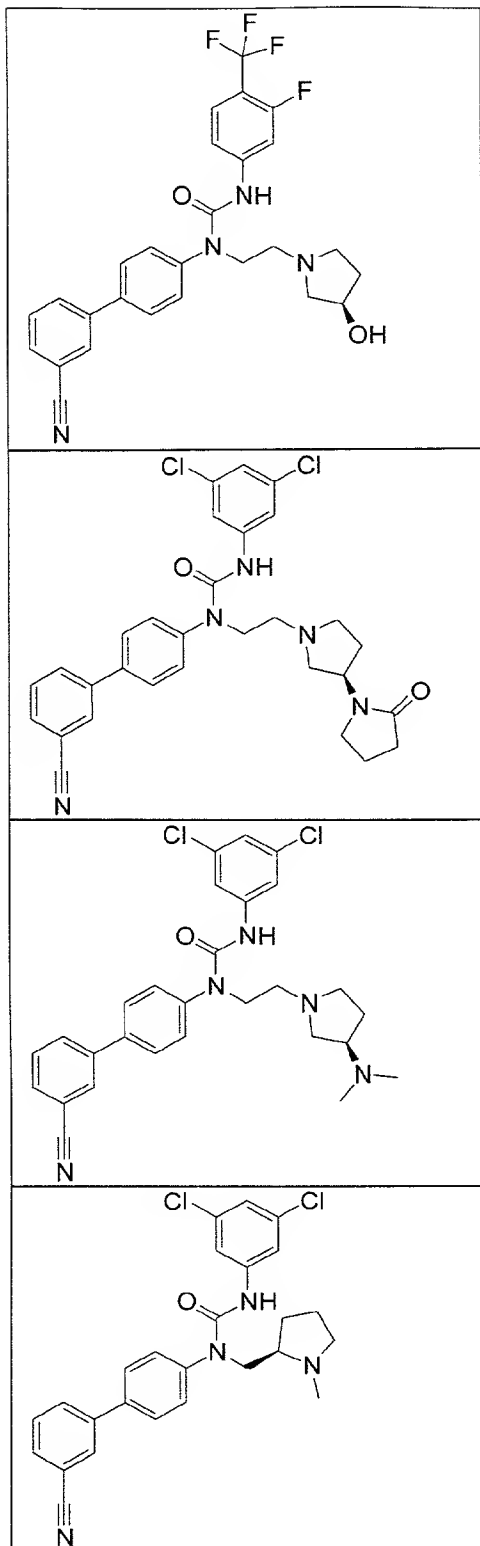
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1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

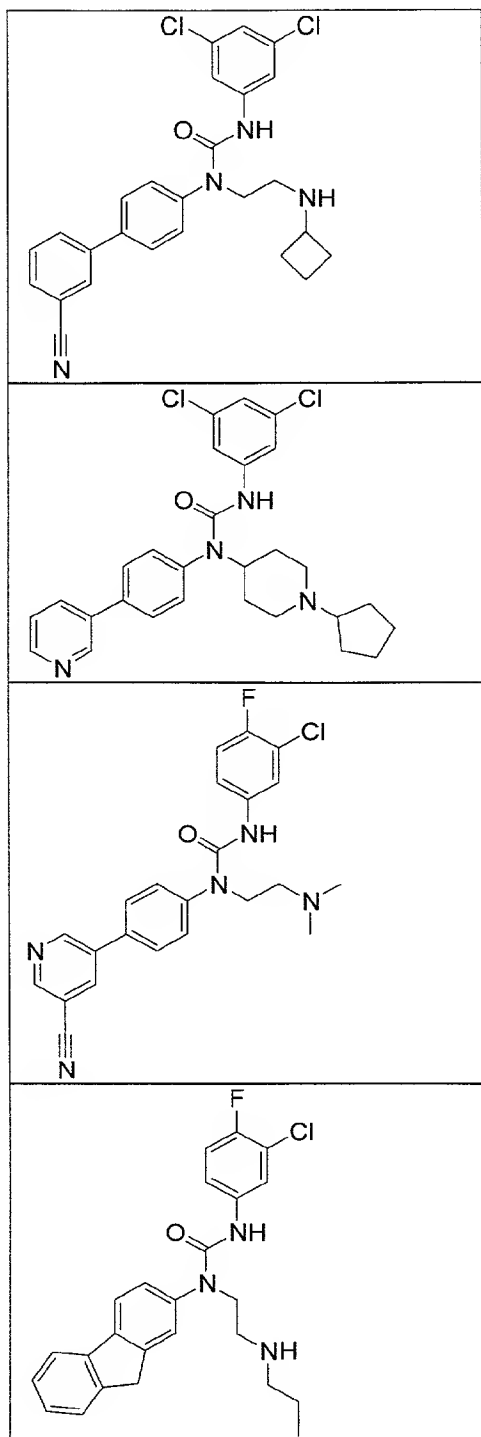


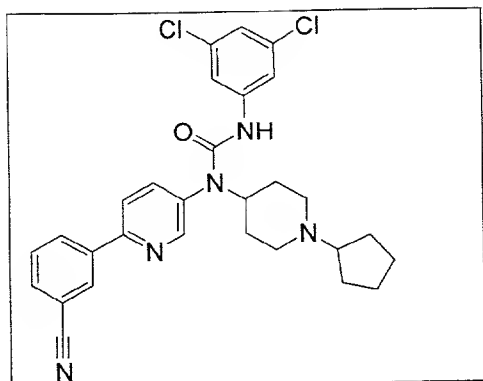












12. A pharmaceutical composition comprising a therapeutically effective amount of a compound of claim 1 in combination with a pharmaceutically acceptable carrier.

5 13. A method of treating a metabolic disorder, eating disorder or diabetes in a subject in need thereof which comprises administering to said subject an effective amount of a compound as defined in claim 1.

14. A pharmaceutical composition which comprises an effective amount of a compound as defined in claim 1 and a pharmaceutically acceptable carrier thereof.

10 15 A method of treating eating disorders in a subject in need of such treatment which comprises administering to said subject a therapeutically effective amount of a compound of claim 1 or a pro-drug thereof or a pharmaceutically acceptable salt of said compound or of said pro-drug.

16. The method of claim 15 wherein said eating disorder is hyperphagia.

15 17. The method of claim 13 wherein said metabolic disorder is obesity.

18. A method of treating disorders associated with obesity in a subject in need of such treatment which comprises administering to said subject a therapeutically effective amount of a compound of claim 1 or a pro-drug thereof or a pharmaceutically acceptable salt of said compound or of said pro-drug.

20 19. The method of claim 18 wherein said disorders associated with obesity are type II diabetes, insulin resistance, hyperlipidemia and hypertension.

20. A pharmaceutical composition which comprises a therapeutically effective amount of a composition comprising

a first compound, said first compound being a compound of claim 1, a pro-drug thereof, or a pharmaceutically acceptable salt of said compound or of said pro-drug;

a second compound, said second compound being an antiobesity and/or anorectic agent such as a β_3 agonist, a thryomimetic agent, an anorectic agent or an NPY antagonist; and

a pharmaceutically acceptable carrier thereof.

21. A method of treating an eating disorder which comprises administering to a subject in need of such treatment

an amount of a first compound, said first compound being a compound of claim 1, a pro-drug thereof, or a pharmaceutically acceptable salt of said compound or of said pro-drug;

a second compound, said second compound being an antiobesity and/or anorectic agent such as a β_3 agonist, a thryomimetic agent, an anorectic agent or an NPY antagonist;

wherein the amounts of the first and second compounds result in a therapeutic effect.

22. A pharmaceutical composition which comprises a therapeutically effective amount of a composition comprising

a first compound, said first compound being a compound of claim 1, a pro-drug thereof, or a pharmaceutically acceptable salt of said compound or of said pro-drug;

a second compound, said second compound being an aldose reductase inhibitor, a glycogen phosphorylase inhibitor, a sorbitol dehydrogenase inhibitor, a

protein tyrosine phosphatase 1B inhibitor, a dipeptidyl protease inhibitor, insulin (including orally bioavailable insulin preparations), an insulin mimetic, metformin, acarbose, a PPAR-gamma ligand such as troglitazone, rosiglitazone, pioglitazone, or GW-1929, a sulfonylurea, glipazide, glyburide, or chlorpropamide; and a

5 pharmaceutically acceptable carrier therefor.

23. A pharmaceutical composition made by combining the compound as defined in claim 1 and a pharmaceutically acceptable carrier therefor.

24. A process for making a pharmaceutical composition comprising combining a compound as defined in claim 1 and a pharmaceutically acceptable carrier.

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